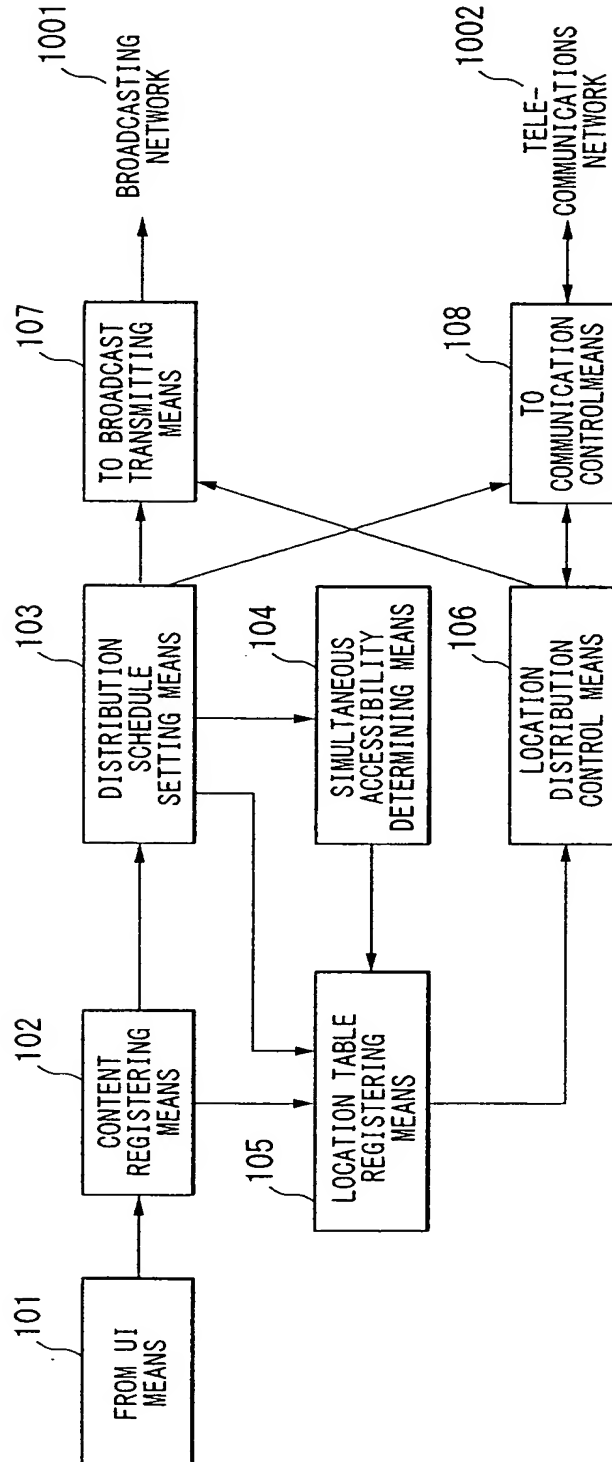


FIG. 1



TRANSMITTING APPARATUS 10A

FIG. 2

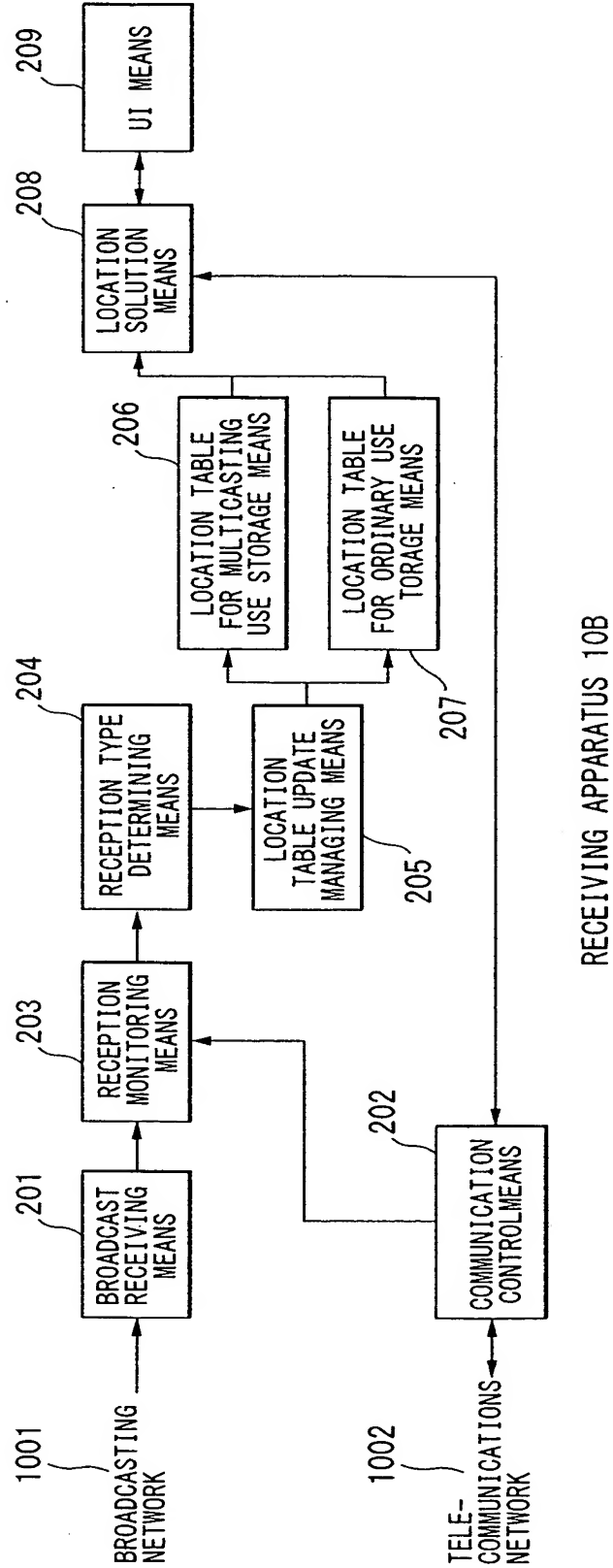


FIG. 3

CONTENT IDENTIFIER	STRAGE AREA
URI://aaa.broadcast/news.mpg	http://aaa-bc-news.mpg
URI://bbb.broadcast/news.mpg	http://aaa-bc-drama.mpg
URI://aaa.archive/sports.mpg	http://aaa-sports.mpg
URI://aaa.archive/comedy.mpg	http://aaa-comedy.mpg
.
URI://zzz.archive/drama.mpg	http://zzz-drama.mpg

STORED CONTENTS LIST IN CONTENT
REGISTERING MEANS OF TRANSMITTING APPARATUS

FIG. 4

CONTENT IDENTIFIER	TRANSMISSION CHANNEL	DELIVERY SCHEDULE
URI://aaa.broadcast/news.mpg	Ch1	2003/03/15 19:00:00 ~ 2003/03/15 20:00:00
URI://bbb.broadcast/drama.mpg	Ch2	2003/03/15 21:00:00 ~ 2003/03/15 23:00:00
.

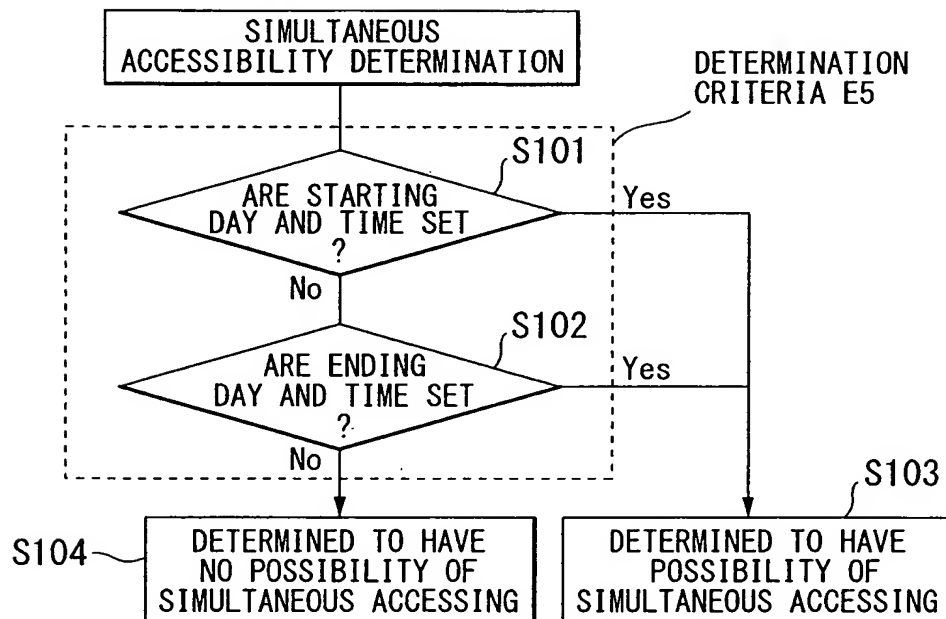
CONTENT DELIVERY SCHEDULE TABLE IN DISTRIBUTION
SCHEDULE SETTING MEANS OF TRANSMITTING APPARATUS

FIG. 5

CONTENT IDENTIFIER	STRAGE AREA	RELEASE SCHEDULE
URI://aaa.archive/sports.mpg	http://aaa-sports.mpg	2003/03/15 19:00:00 ~ 2003/03/15 20:00:00
URI://aaa.archive/comedy.mpg	http://aaa-comedy.mpg	—
.
URI://zzz.archive/drama.mpg	http://zzz-drama.mpg	—

CONTENT RELEASE SCHEDULE TABLE IN DISTRIBUTION
SCHEDULE SETTING MEANS OF TRANSMITTING APPARATUS

FIG. 6



FLOW OF SIMULTANEOUS ACCESSIBILITY DETERMINATION
PROCESSING IN TRANSMITTING APPARATUS

FIG. 7

CONTENT IDENTIFIER	LOCATOR
URI://aaa.broadcast/news.mpg	Ch1-2003_0315_190000~2003_0315_200000
URI://bbb.broadcast/drama.mpg	Ch2-2003_0315_210000~2003_0315_230000
URI://aaa.archive/sports.mpg	http://aaa-sports.mpg
.

LOCATION TABLE FOR MULTICASTING USE

FIG. 8

CONTENT IDENTIFIER	LOCATOR
URI://aaa.archive/comedy.mpg	http://aaa-comedy.mpg
.
URI://zzz.archive/drama.mpg	http://zzz-drama.mpg

LOCATION TABLE FOR ORDINARY USE

FIG. 9

DISTRIBUTION PATTERN	LOCATION TABLE FOR MULTICASTING USE	LOCATION TABLE FOR ORDINARY USE
DISTRIBUTION PATTERN1	BROADCASTING	BROADCASTING
DISTRIBUTION PATTERN2	BROADCASTING	TELECOMMUNICATIONS
DISTRIBUTION PATTERN3	TELECOMMUNICATIONS	BROADCASTING
DISTRIBUTION PATTERN4	TELECOMMUNICATIONS	TELECOMMUNICATIONS

TRANSMISSION PATTERN OF LOCATION TABLES IN LOCATION
DISTRIBUTION CONTROL MEANS OF TRANSMITTING APPARATUS

FIG. 10

LOCATION TABLE IDENTIFIER	DISTRIBUTION ROUTE	DISTRIBUTION TYPE	DISTRIBUTION SCHEDULE	DISTRIBUTION INTERVALS
LT_ID1	BROADCASTING NETWORK	MULTICASTING	Ch1 2003/3/1~2003/3/31	10 SECONDS
LT_ID2	TELECOMMUNICATIONS NETWORK	INTERACTIVE	—	—

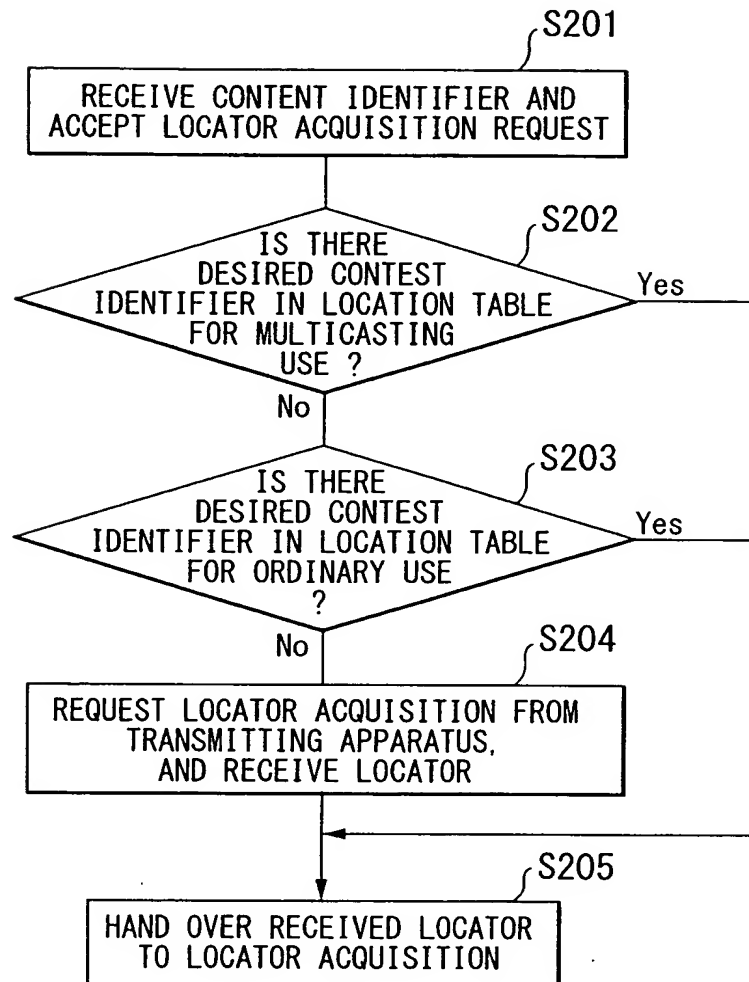
LOCATION TABLE DISTRIBUTION MANAGEMENT IN LOCATION DISTRIBUTION CONTROL MEANS OF TRANSMITTING APPARATUS

FIG. 11

PRIORITY OF SEARCH	PLACE OF SOLUTION	LOCATION TABLE
1	RECEIVING APPARATUS ID=1	LOCATION TABLE FOR MULTICASTING USE
2	RECEIVING APPARATUS ID=1	LOCATION TABLE FOR ORDINARY USE
3	TRANSMITTING APPARATUS ID=2	—

LOCATION SOLUTION SEQUENCE TABLE IN LOCATION
SOLUTION MEANS IN RECEIVING APPARATUS

FIG. 12



FLOW OF LOCATION SOLUTION PROCESSING BY LOCATION
SOLUTION MEANS IN RECEIVING APPARATUS

FIG. 13

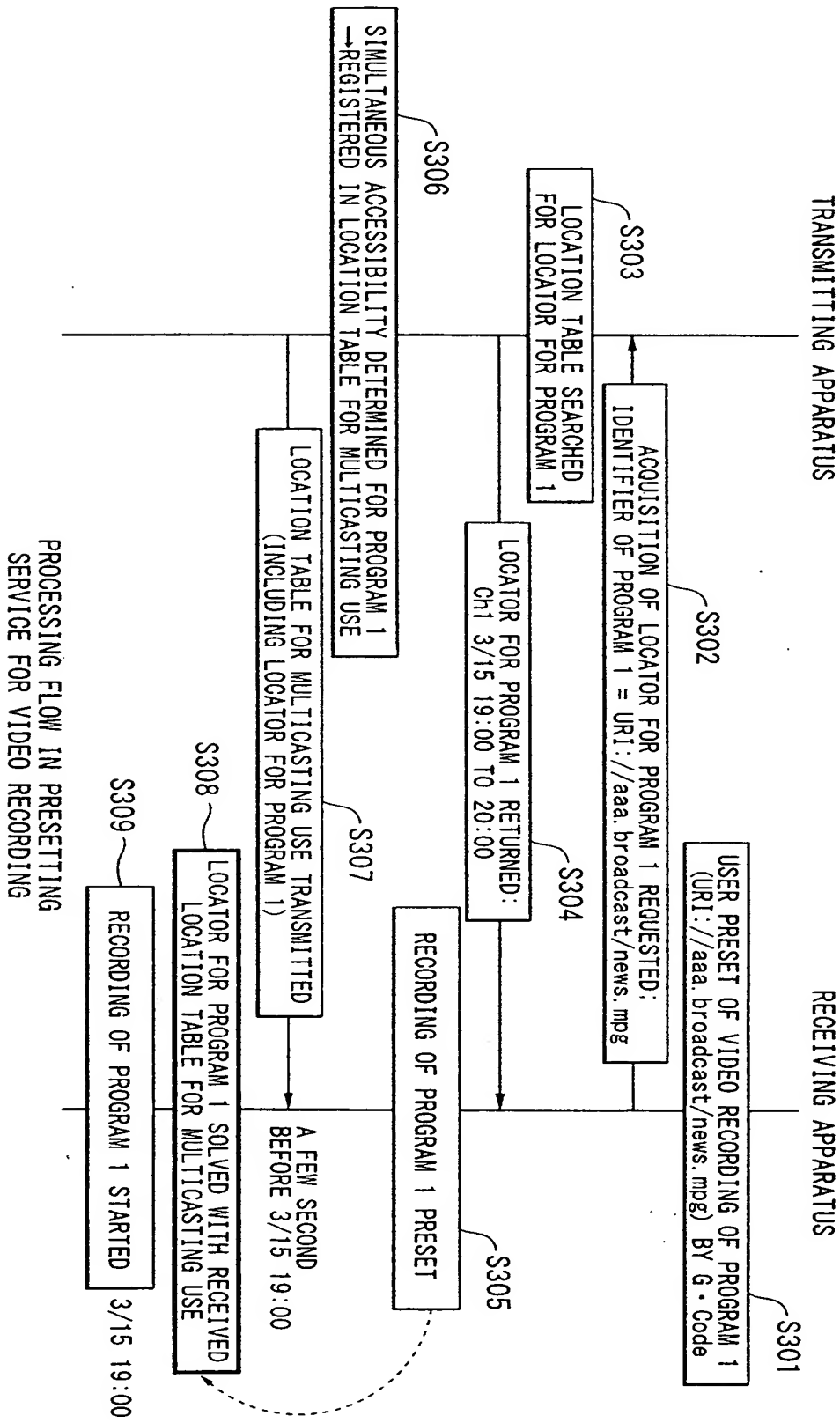
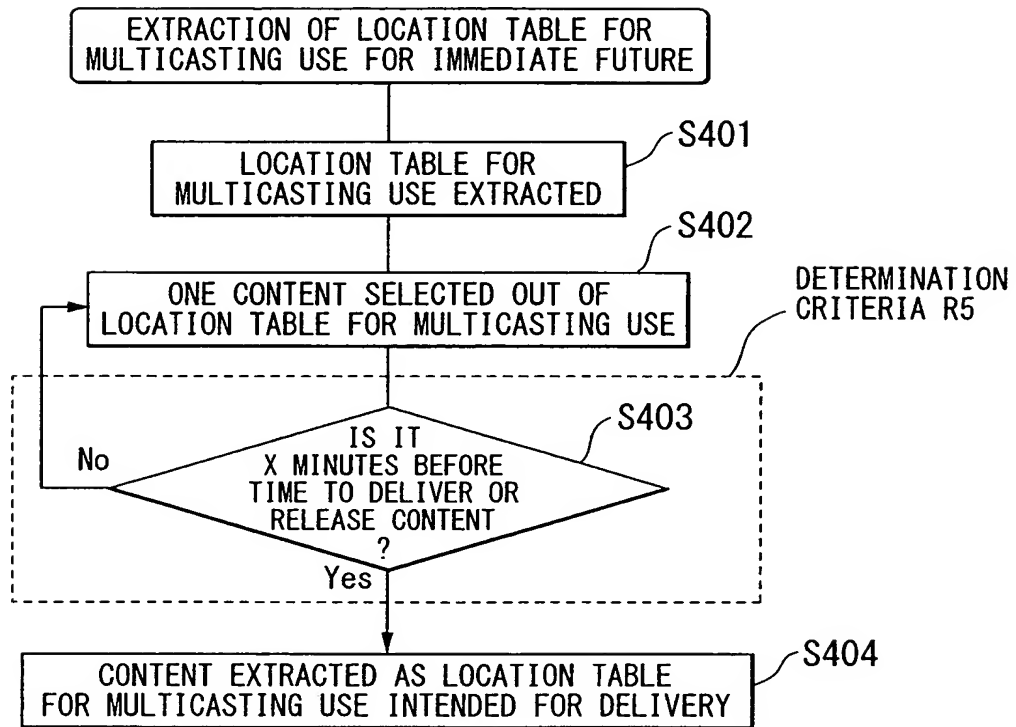
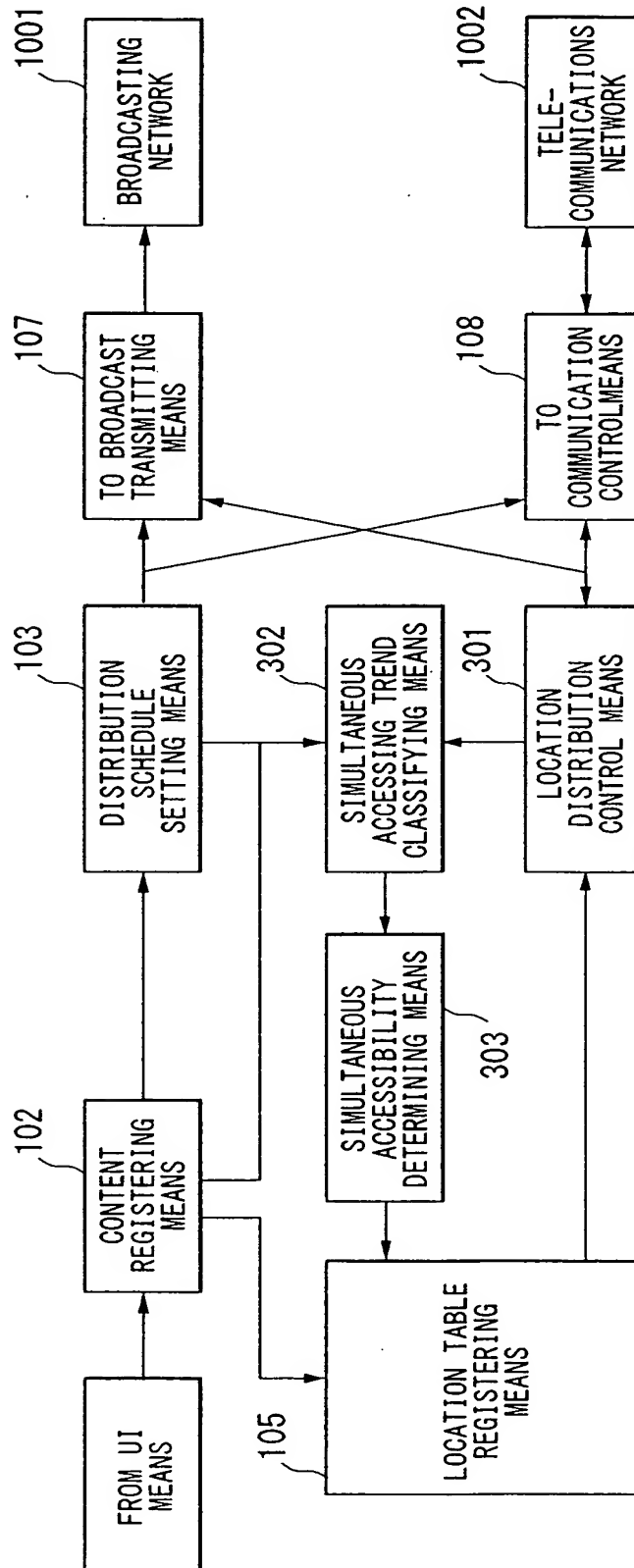


FIG. 14



PROCESSING FLOW TO EXTRACT LOCATION
TABLE FOR MULTICASTING USE BY LOCATION
DISTRIBUTION CONTROL MEANS IN TRANSMITTING APPARATUS

FIG. 15



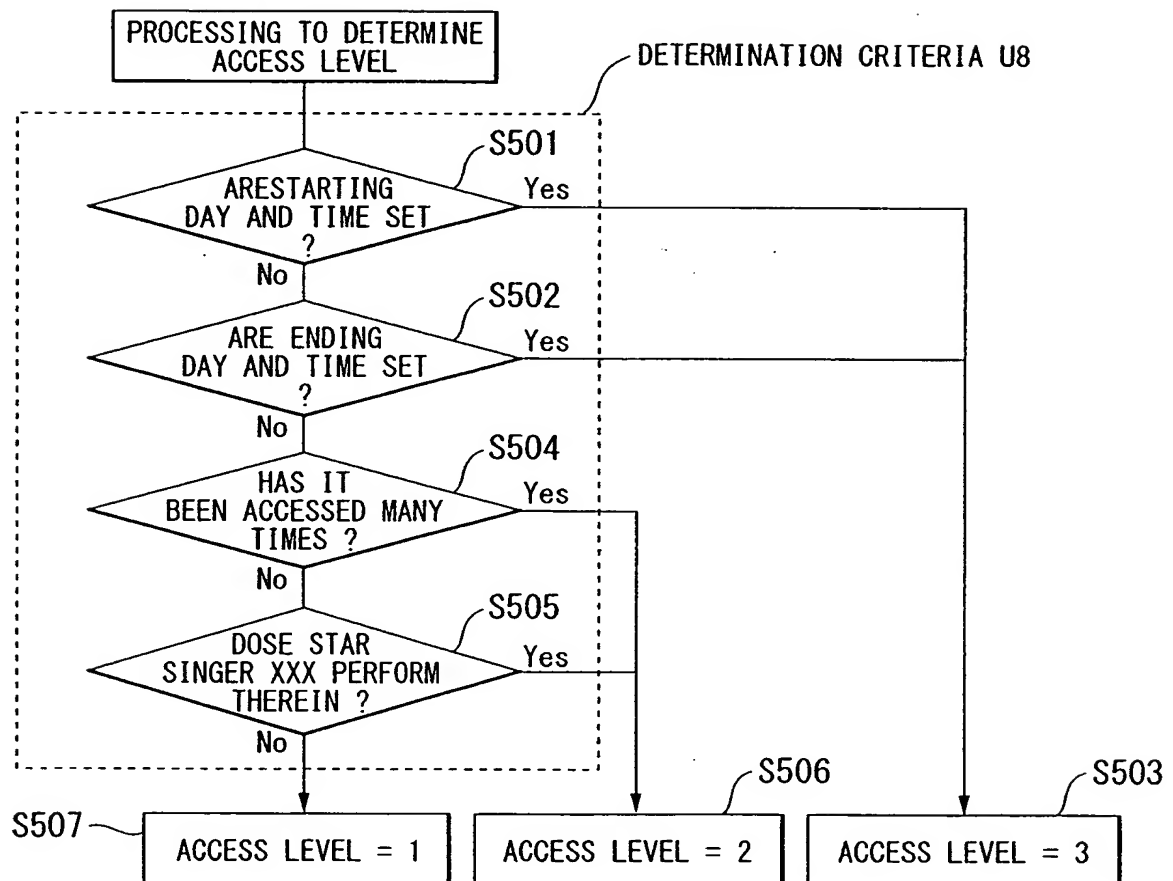
TRANSMITTING APPARATUS 10A

FIG. 16

CONTENT IDENTIFIER	ACCESS LEVEL
URI://aaa.broadcast/news.mpg	1
URI://bbb.broadcast/drama.mpg	1
URI://aaa.archive/sports.mpg	1
URI://aaa.archive/comedy.mpg	3
. . .	
URI://zzz.archive/drama.mpg	3

ACCESS LEVEL LIST

FIG. 17



PROCESSING FLOW TO SET ACCESS LEVEL BY SIMULTANEOUS ACCESSING TREND CLASSIFYING MEANS IN TRANSMITTING APPARATUS

FIG. 18

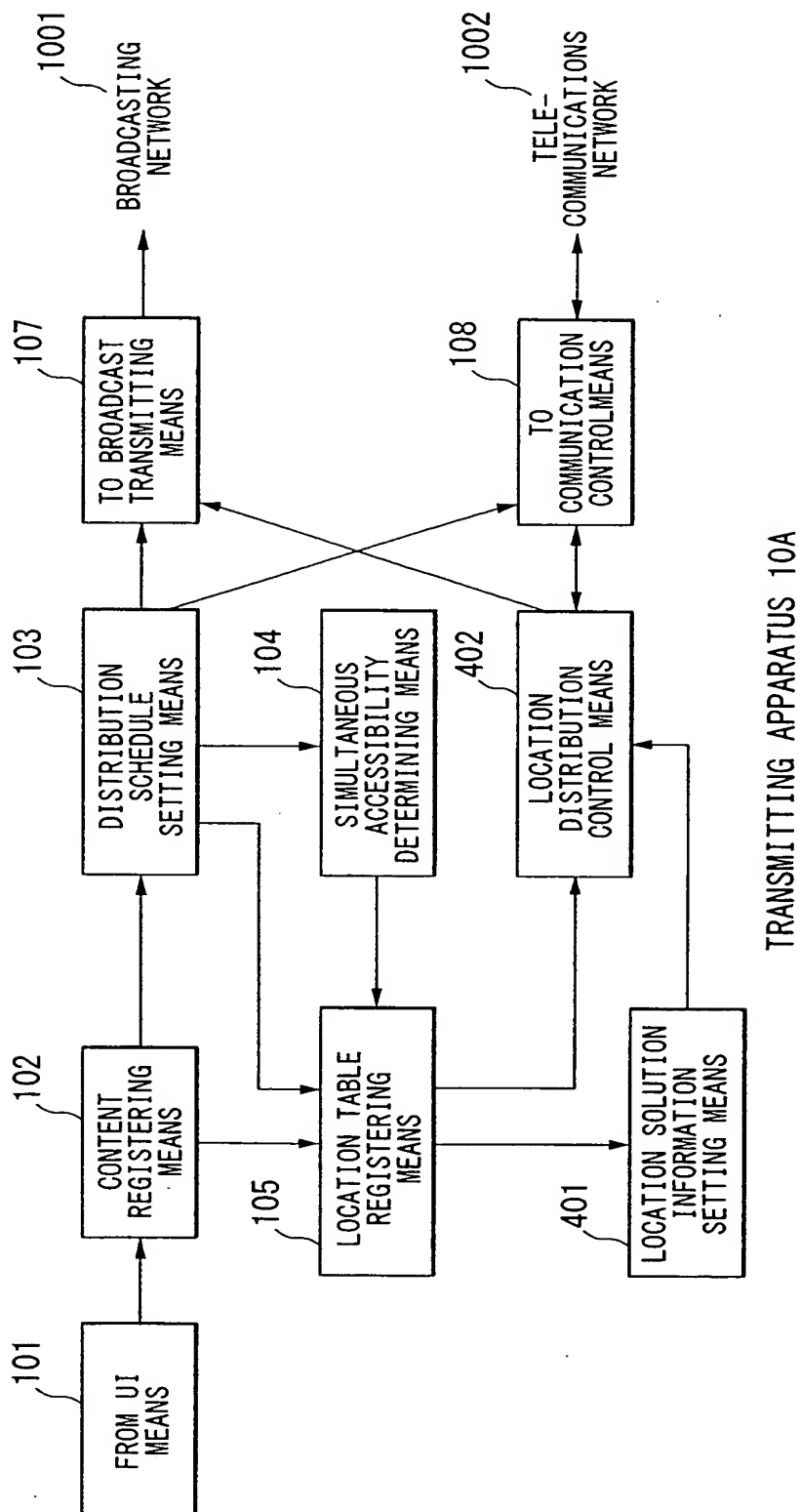
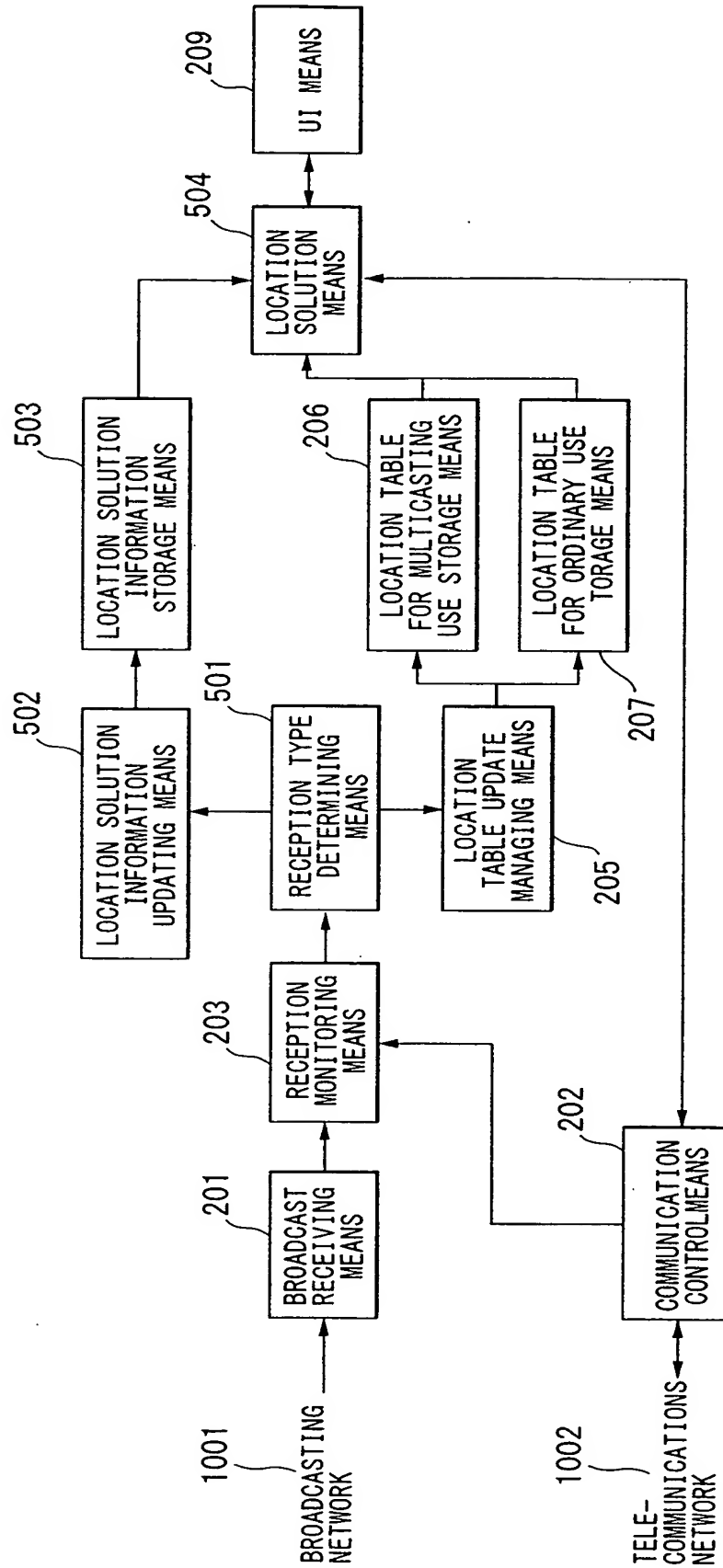


FIG. 19



RECEIVING APPARATUS 10B

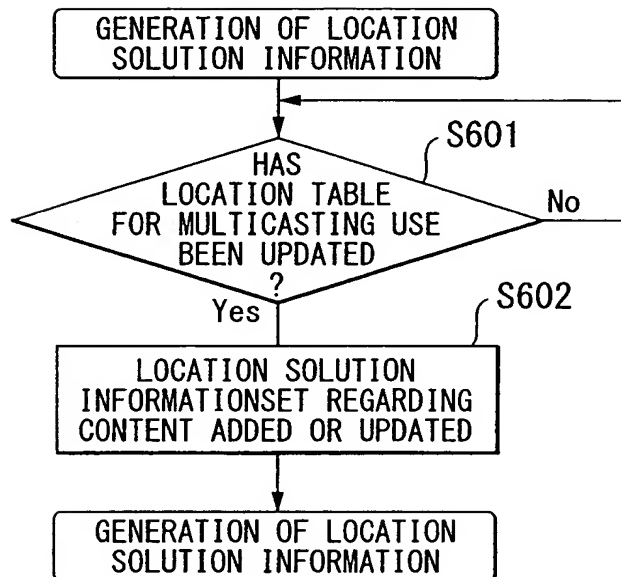
FIG. 20

CONTENT IDENTIFIER	ACCESS CONDITION	PLACE OF SOLUTION	METHOD OF SOLUTION
URI://aaa.broadcast/news.mpg	18:55~18:59	RECEIVING APPARATUSID=1	SEE LOCATION TABLE FOR MULTICASTING USE
URI://aaa.archive/sports.mpg	2003/3/1 00:00:00 ~2003/4/1 00:00:00	RECEIVING APPARATUSID=1	SEE LOCATION TABLE FOR MULTICASTING USE

LOCATION SOLUTION INFORMATION

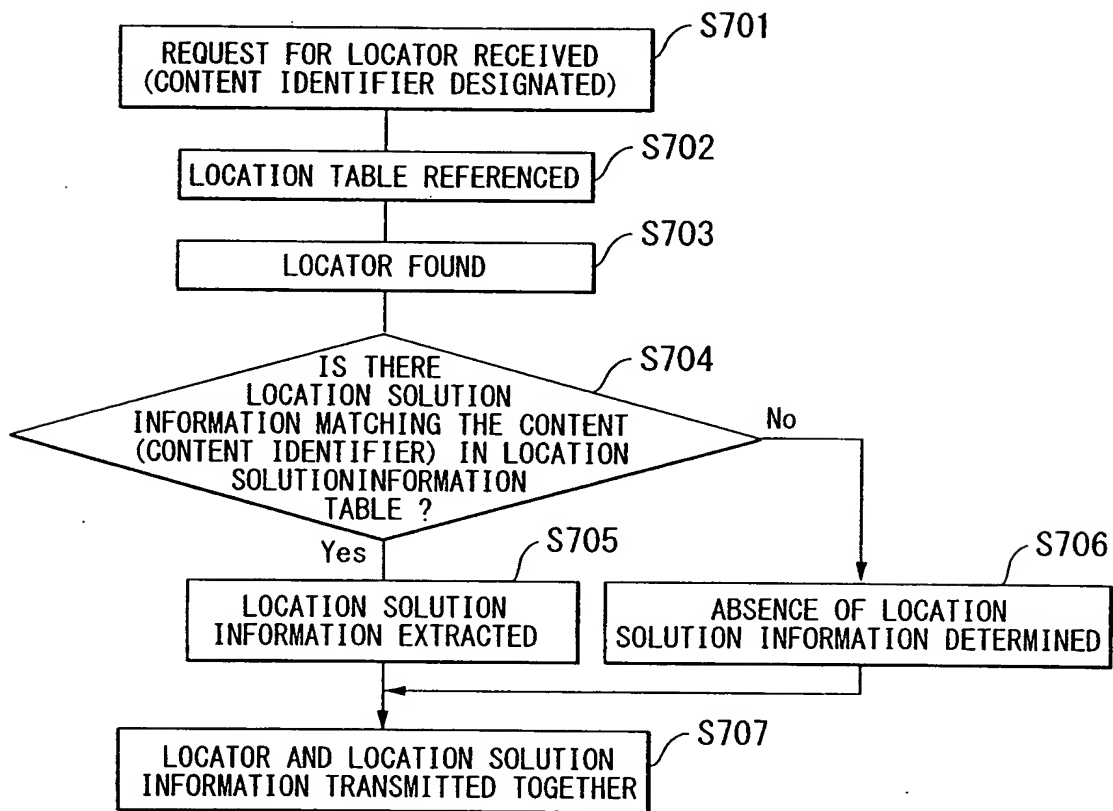
LOCATION SOLUTION INFORMATION TABLE

FIG. 21



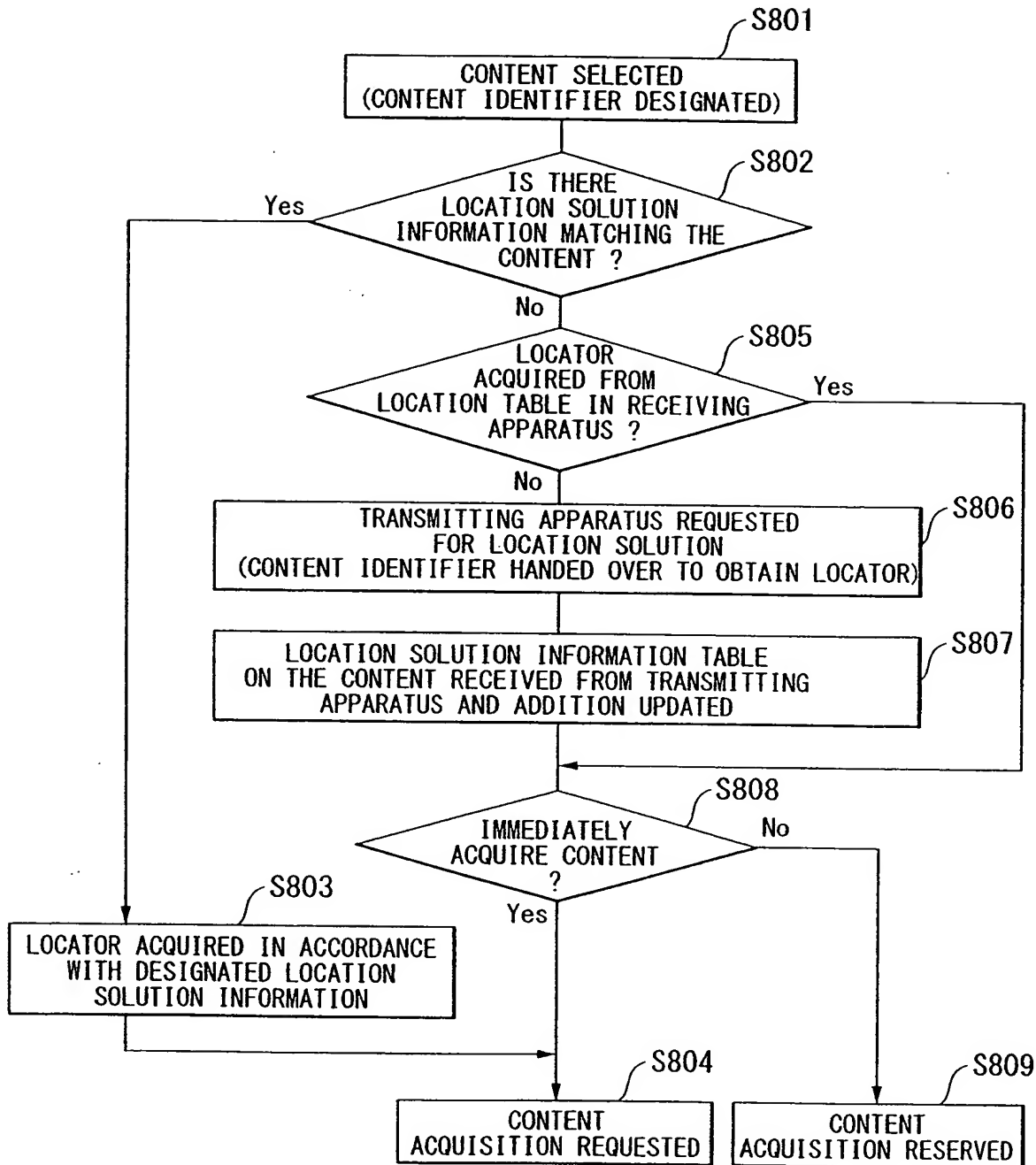
PROCESSING FLOW TO GENERATE LOCATION SOLUTION
INFORMATION IN TRANSMITTING APPARATUS

FIG. 22



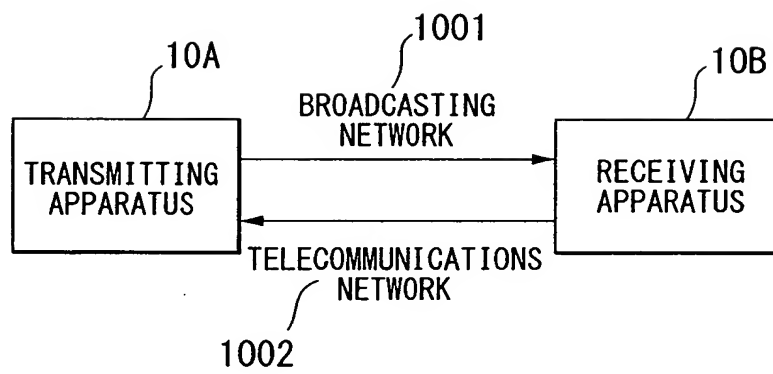
PROCESSING FLOW TO TRANSMIT LOCATION SOLUTION
INFORMATION IN TRANSMITTING APPARATUS

FIG. 23



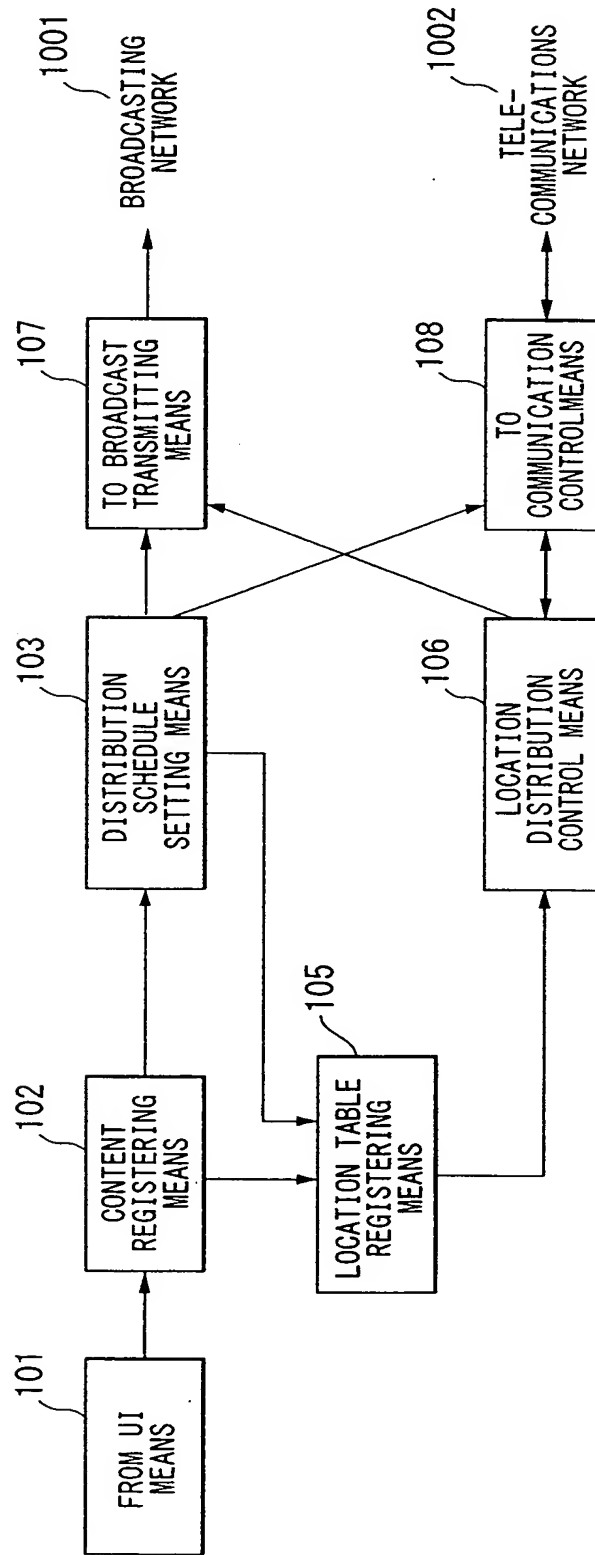
PROCESSING FLOW OF LOCATION SOLUTION WHEN
CONTENT IS SELECTED IN RECEIVING APPARATUS

FIG. 24



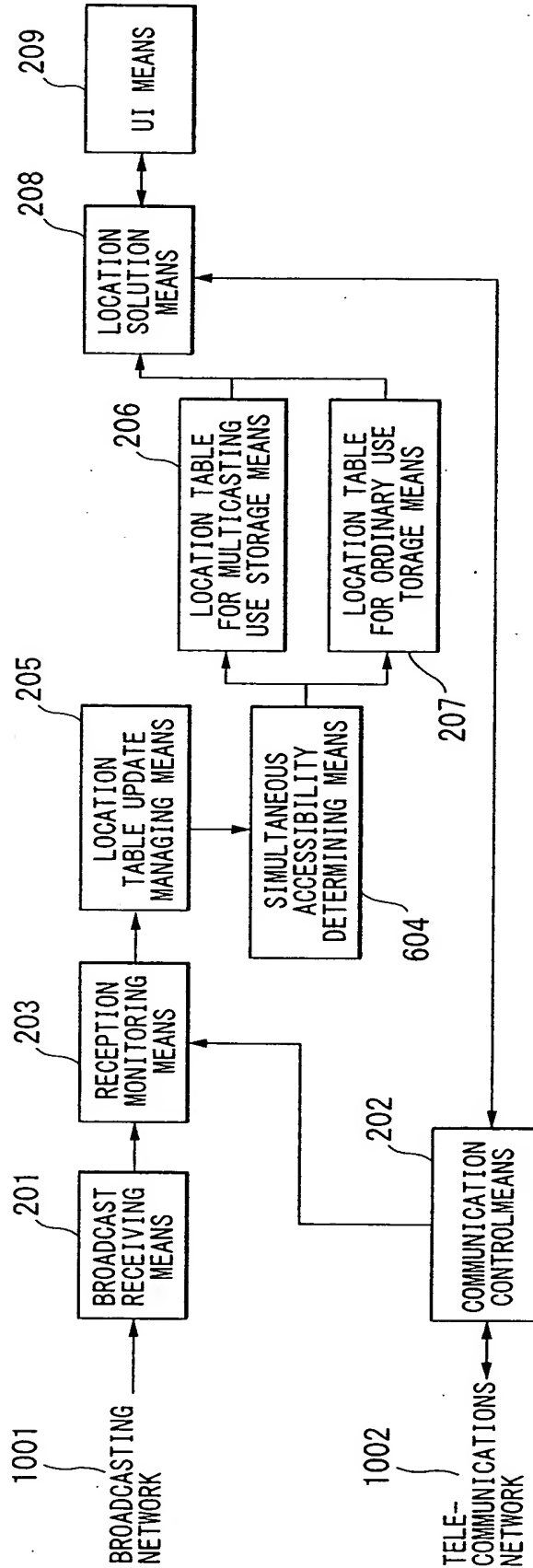
OVERALL CONFIGURATION OF
CONTENT MULTICASTING SYSTEM

FIG. 25



TRANSMITTING APPARATUS 10A

FIG. 26



RECEIVING APPARATUS 10B

FIG. 27

CONTENT IDENTIFIER	LOCATOR	DELIVER/RELEASE SCHEDULE
URI://aaa.broadcast/news.mpg	Ch1-2003_0315_190000~2003_0315_200000	2003/03/15 19:00:00~2003/03/15 20:00:00
URI://bbb.broadcast/drama.mpg	Ch2-2003_0315_210000~2003_0315_230000	2003/03/15 21:00:00~2003/03/15 23:00:00
URI://aaa.archive/sports.mpg	http://aaa-sports.mpg	2003/03/01 00:00:00~2003/04/01 00:00:00
URI://aaa.archive/comedy.mpg	http://aaa-comedy.mpg	—
URI://zzz.archive/drama.mpg	http://zzz-comedy.mpg	—
.

LOCATION TABLE

FIG. 28

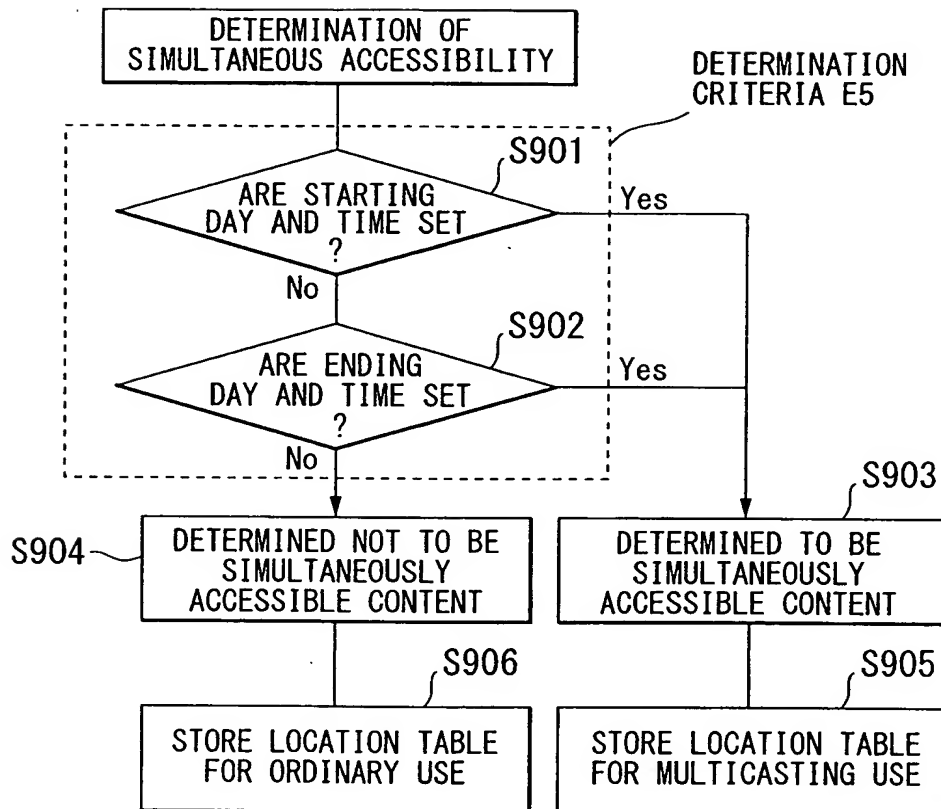


FIG. 29A

LOCATION TABLE FOR MULTICASTING USE 1

CONTENT IDENTIFIER	LOCATOR
URI://aaa.broadcast/news.mpg	Ch1-2003_0315_190000~2003_0315_200000
URI://aaa.broadcast/drama.mpg	Ch1-2003_0315_210000~2003_0315_230000

FIG. 29B

LOCATION TABLE FOR MULTICASTING USE 2

CONTENT IDENTIFIER	LOCATOR
URI://bbb.broadcast/news.mpg	Ch2-2003_0315_190000~2003_0315_200000
URI://bbb.broadcast/drama.mpg	Ch2-2003_0315_210000~2003_0315_230000